Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_

**Converting Fractions and Decimals Notes**

Any rational number can be represented by a decimal or a fraction

**One method for converting fractions to decimals is…**

* Divide the numerator by the denominator; ¾ = 3 ÷ 4 = 0.75
* Why does this method work?
* Can you think of any other methods?

**One method for converting decimals to fractions is…**

* Say the number and write it out, then reduce;

0.35 = thirty-five hundredths; =

* Why does this method work?
* Can you think of any other methods?

**Practice**

1. Write each as a decimal
   1. b. c. d.
2. Write each as a fraction
   1. 2.2 b. 0.27 c. 1.6 d. 0.005